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U.S. Department of Agriculture • Foreign Agricultural Service • Washington, D.C.

# foreign agriculture circular

STA/STA

seeds, field  
and vegetable

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## U.S. SEED EXPORTS CONTINUE TO EXPAND— MEXICO AND ITALY NOW LEADING MARKETS

During calendar 1977, the value of U.S. seed exports totaled \$156 million, an increase of 13 percent over those of the year earlier, largely because of the higher unit value of seed corn exported. Forage and vegetable seed exports also rose in value.

For the 6-month period, July-December 1977, forage and vegetable seed each accounted for about one-third of the total value, rising 12 and 9 percent, respectively, compared with the same months of 1976. Larger shipments of alfalfa and ryegrass, however, were more than offset by reductions in other forage seeds. Corn rose slightly, while sorghum dropped sharply.

Larger shipments to Mexico and Italy moved those markets to first and second place, while Canada and Japan dropped to third and fourth.

### CORN, GRAIN SORGHUM SEED TOTALS

Possible trade errors in reporting or recording exports of corn and grain sorghum seed may have distorted any totals in this circular that include these two seeds.

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SUMMARY OF U.S. SEED EXPORTS BY TYPE, QUANTITY, AND VALUE, 1976 AND 1977

Kind of seed	: metric tons : change	(6 months)		July-December		: 1977 : 1976 : 1,000 : Percent	: Million : dollars : change	: 1977 : 1976 : Percent
		1976	1977	1977	1976			
Forage.....	21	19	-10	33	24	27	12	36
Vegetable.....	4	4	0	7	22	24	9	33
Flower.....	1/	2/	0	0	2	2	0	3
Corn.....	8	9	12	15	5	7	40	3
Sorghum.....	11	5	-54	9	5	3	-40	3
Bean.....	3	3	0	5	3	2	-33	5
Pea.....	3	5	66	9	2	3	50	3
Other (n.e.c.).....	3	13	333	22	3	6	50	4
Total.....	53	58	9	100	66	74	12	100

		(Annual)		January-December		: 1977 : 1976 : 1,000 : Percent	: Million : dollars : change	: 1977 : 1976 : Percent
		1976	1977	1977	1976			
Forage.....	42	39	-7	29	45	51	13	32
Vegetable.....	8	8	0	6	41	44	7	28
Flower.....	3/	4/	0	0	3	0	0	2
Corn.....	28	30	7	23	14	25	79	16
Sorghum.....	32	23	-28	17	14	12	-14	7
Bean.....	7	6	-14	5	7	6	-14	4
Pea.....	10	11	10	8	6	5	-17	3
Other (n.e.c.).....	8	16	100	12	8	13	62	3
Total.....	135	133	-1	100	138	156	13	100

1/ 194 metric tons. 2/ 317 metric tons. 3/ 302 metric tons. 4/ 528 metric tons.

## WORLDWIDE

U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

TYPE OF SEED	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
ALL TYPES.....	53,541	58,162	65,780,933	73,903,490
ALFALFA (UNCERTIFIED).....	469	1,298	1,038,121	2,711,268
ALFALFA (CERTIFIED).....	1,885	2,912	4,532,115	6,396,167
LADINO CLOVER.....	845	526	2,444,353	1,679,048
RED CLOVER.....	647	520	1,191,577	944,031
OTHER CLOVER.....	40	250	112,549	589,220
BENTGRASS.....	1,571	1,147	2,099,593	1,914,266
FESCUE GRASS.....	2,944	2,635	2,741,283	2,923,769
RYEGRASS (ANNUAL).....	2,885	4,392	1,381,009	1,980,831
RYEGRASS (PERENNIAL).....	641	411	389,481	399,408
KENTUCKY & MERION BLUEGRASS.	2,268	1,208	3,237,527	2,189,867
TIMOTHY GRASS.....	2,445	1,104	2,021,758	1,631,823
OTHER GRASS.....	4,509	3,090	3,101,276	3,718,091
ALL FORAGE.....	21,148	19,492	24,290,637	27,077,789
CARROT.....	139	248	848,970	1,406,116
ONION.....	143	129	2,342,111	2,281,223
SWEET CORN.....	772	469	1,311,310	951,491
OTHER VEGETABLE.....	2,962	3,652	16,896,225	19,802,635
ALL VEGETABLE EXC. BEAN & PEA	4,016	4,498	21,398,616	24,441,465
FLOWER.....	194	317	1,603,776	1,853,416
RICE IN THE HUSK, UNMILLED..	241	3,880	61,438	583,725
CORN, EXCEPT SWEET.....	8,496	9,180	5,274,119	7,318,645
GRAIN SORGHUM.....	10,682	5,372	5,280,761	3,112,828
BEAN.....	2,972	2,649	2,941,898	2,449,282
PEA.....	3,496	5,285	1,817,585	2,580,319
OTHER N.E.C.....	2,296	7,489	3,106,103	4,486,021

U.S. SEED EXPORTS BY TYPE TO 20 MAJOR MARKETS FOR 6 MONTHS ENDING DECEMBER 31, 1976, AND 1977  
(In Metric Tons)

Type	Year	Canada	Mexico	Israel	Colombia	Venezuela	Brazil	Argentina	Denmark	United Kingdom	Netherlands
Alfalfa, uncert.	: 1977 :	51	314	0	1	0	29	21	0	0	0
	: 1976 :	45	377	0	5	0	0	0	0	1	0
Alfalfa, cert.	: 1977 :	226	1,303	0	5	2	0	0	14	0	10
	: 1976 :	398	977	0	0	1	2	0	0	0	0
Ladino clover	: 1977 :	18	12	0	1	0	8	0	0	5	0
	: 1976 :	32	18	0	3	0	12	0	0	0	36
Red clover	: 1977 :	58	6	0	0	0	2	0	0	0	0
	: 1976 :	290	9	0	14	0	3	0	0	0	50
Other clover	: 1977 :	34	26	0	0	1	5	59	0	30	0
	: 1976 :	0	3	0	3	1	0	0	0	7	0
Bentgrass	: 1977 :	38	0	0	0	0	0	2	41	55	132
	: 1976 :	30	1	0	0	0	0	2	10	315	213
Fescue	: 1977 :	56	20	0	0	0	64	333	0	255	601
	: 1976 :	167	28	0	0	0	60	20	20	452	426
Ryegrass, ann.	: 1977 :	509	567	4	53	3	153	0	5	0	1,019
	: 1976 :	218	564	0	61	0	30	0	0	63	620
Ryegrass, per.	: 1977 :	66	124	0	0	0	0	0	0	11	16
	: 1976 :	85	100	0	12	0	0	0	0	0	56
Bluegrass	: 1977 :	672	40	0	0	0	0	5	0	5	19
	: 1976 :	741	6	0	0	0	0	0	34	129	256
Timothy	: 1977 :	317	0	0	0	0	0	0	0	51	101
	: 1976 :	743	0	0	0	0	0	0	0	236	155
Other grasses	: 1977 :	616	436	1	2	19	226	24	0	2	34
	: 1976 :	271	210	1	57	6	165	8	0	1	10
All forage	: 1977 :	2,662	2,847	5	62	25	487	445	60	414	1,932
	: 1976 :	3,020	2,293	1	155	8	272	30	64	1,204	1,822
Carrot	: 1977 :	7	12	0	0	0	32	4	19	24	33
	: 1976 :	9	14	0	2	0	21	0	11	20	20
Onion	: 1977 :	5	12	0	0	3	18	0	3	0	2
	: 1976 :	7	18	0	1	5	19	0	2	0	15
Sweet corn	: 1977 :	195	30	0	0	0	7	0	1	10	63
	: 1976 :	182	10	49	0	0	7	0	0	0	14
Other vegetables	: 1977 :	74	382	17	20	71	119	57	99	224	383
	: 1976 :	116	230	23	31	49	73	13	179	99	380
All vegetables, exc. bean & pea	: 1977 :	280	436	17	20	74	175	61	123	258	482
	: 1976 :	314	272	73	34	54	120	13	192	148	429
Flower	: 1977 :	96	16	0	0	0	0	2	13	44	14
	: 1976 :	73	3	0	0	0	0	0	5	21	16
Rice	: 1977 :	0	0	0	3,875	0	0	0	0	0	0
	: 1976 :	203	13	0	0	0	6	0	0	0	0
Corn, exc. sweet	: 1977 :	2,994	893	0	0	337	36	38	0	2	11
	: 1976 :	5,029	120	1	0	0	1	0	0	5	8
Grain sorghum	: 1977 :	632	1,324	0	342	1,198	0	79	0	0	2
	: 1976 :	125	3,327	0	321	1,255	2,683	46	0	0	0
Bean	: 1977 :	65	175	25	5	15	3	31	0	209	671
	: 1976 :	267	135	12	40	4	32	1	0	408	368
Pea	: 1977 :	44	462	197	25	0	14	2	37	1,846	38
	: 1976 :	250	325	289	17	0	20	0	0	401	439
Other n.e.c.	: 1977 :	822	4,562	1	6	8	6	13	6	29	56
	: 1976 :	673	563	98	1	32	5	2	10	9	37
Total	: 1977 :	7,596	10,716	245	4,335	1,658	721	671	239	2,802	3,206
	: 1976 :	9,954	7,051	479	568	1,353	3,139	92	271	2,196	3,119

Cont'd

U.S. SEED EXPORTS BY TYPE TO 20 MAJOR MARKETS FOR 6 MONTHS ENDING DECEMBER 31, 1976, AND 1977 - Cont'd  
(In Metric Tons)

Type	Year	France	West Germany	Italy	Sweden	Switzerland	Ireland	Spain	Japan	South Africa	Australia
Alfalfa, uncert.	: 1977	0	0	693	37	0	0	0	0	3	78
	: 1976	0	0	0	0	0	0	0	5	0	0
Alfalfa, cert.	: 1977	140	30	600	0	0	0	48	6	0	236
	: 1976	0	0	0	0	0	0	1	1	0	0
Ladino clover	: 1977	92	20	185	0	67	0	21	49	4	25
	: 1976	260	40	225	0	108	0	17	31	2	37
Red clover	: 1977	59	17	118	10	1	0	0	196	3	12
	: 1976	0	59	0	0	0	0	5	149	0	61
Other clover	: 1977	67	0	3	0	10	0	0	9	2	0
	: 1976	0	0	0	0	0	0	0	20	0	0
Bentgrass	: 1977	156	156	31	119	0	5	6	62	0	107
	: 1976	316	196	32	88	1	16	37	95	1	131
Fescue	: 1977	184	130	76	89	13	15	35	491	45	99
	: 1976	417	146	16	78	19	0	34	569	46	239
Ryegrass, ann.	: 1977	40	117	237	8	0	0	0	1,271	5	51
	: 1976	64	8	0	0	28	18	0	989	0	35
Ryegrass, per.	: 1977	6	18	56	0	15	0	0	48	1	28
	: 1976	0	18	88	0	28	0	0	227	1	6
Bluegrass	: 1977	0	87	0	40	2	0	1	167	0	139
	: 1976	339	235	35	87	23	0	3	117	0	194
Timothy	: 1977	33	38	0	95	0	0	0	189	0	0
	: 1976	300	47	20	316	0	0	0	255	0	0
Other grasses	: 1977	313	205	146	0	70	0	9	320	18	157
	: 1976	260	2,445	116	0	0	0	43	436	91	170
All forage	: 1977	1,090	818	2,145	399	178	20	121	2,805	81	932
	: 1976	1,956	3,194	532	569	207	34	140	2,894	147	873
Carrot	: 1977	20	1	1	0	0	0	0	30	26	1
	: 1976	3	0	0	0	0	0	0	24	4	1
Onion	: 1977	0	1	10	0	0	0	0	5	1	0
	: 1976	1	4	7	0	0	0	1	1	1	2
Sweet corn	: 1977	17	0	1	0	0	0	0	122	8	0
	: 1976	0	14	0	9	0	0	0	259	5	0
Other vegetables	: 1977	349	106	174	24	1	0	107	649	30	51
	: 1976	235	45	187	51	1	1	86	416	22	29
All vegetables, exc. bean & pea	: 1977	386	109	186	25	1	0	107	805	65	52
	: 1976	239	63	194	60	1	1	87	700	32	32
Flower	: 1977	22	30	0	12	3	0	0	30	6	15
	: 1976	13	27	0	8	2	0	3	6	2	8
Rice	: 1977	0	0	0	0	0	0	0	0	0	0
	: 1976	0	0	0	0	0	0	0	0	0	0
Corn, exc. sweet	: 1977	170	227	1,760	0	0	0	0	1,871	25	0
	: 1976	457	153	1,573	20	10	0	0	160	67	0
Grain sorghum	: 1977	0	23	0	0	0	0	0	201	188	0
	: 1976	195	83	175	0	12	0	60	493	616	0
Bean	: 1977	353	89	305	0	20	0	12	132	72	179
	: 1976	663	180	204	0	0	0	19	162	0	175
Pea	: 1977	792	579	727	0	16	361	50	3	0	5
	: 1976	481	149	688	196	0	3	73	6	0	35
Other n.e.c.	: 1977	103	160	196	1	1	0	20	325	7	17
	: 1976	107	123	11	0	1	0	6	60	12	61
Total	: 1977	2,917	2,035	5,320	437	218	381	311	6,172	445	1,199
	: 1976	4,111	3,972	3,377	853	233	38	388	4,481	876	1,184

## NORTH AMERICA

U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

TYPE OF SEED	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
ALL TYPES.....	18,604	20,279	18,312,242	20,156,660
ALFALFA (UNCERTIFIED).....	422	364	923,548	710,064
ALFALFA (CERTIFIED).....	1,375	1,529	3,237,796	3,253,308
LADINO CLOVER.....	52	30	134,596	87,092
RED CLOVER.....	300	64	504,373	121,576
OTHER CLOVER.....	3	61	6,186	127,100
BENTGRASS.....	32	40	45,157	100,628
FESCUE GRASS.....	196	76	139,875	69,423
RYEGRASS (ANNUAL) .....	799	1,121	305,224	377,002
RYEGRASS (PERENNIAL) .....	187	192	98,382	152,389
KENTUCKY & MERION BLUEGRASS.	748	713	1,010,892	1,310,269
TIMOTHY GRASS.....	743	317	577,462	456,667
OTHER GRASS.....	502	1,124	542,554	1,015,205
ALL FORAGE.....	5,359	5,631	7,546,045	7,780,723
CARROT.....	26	23	181,749	144,387
ONION.....	43	40	655,787	646,766
SWEET CORN.....	203	231	237,864	327,146
OTHER VEGETABLE.....	439	560	2,911,056	4,054,748
ALL VEGETABLE EXC. BEAN & PEA	711	854	3,986,456	5,173,047
FLOWER.....	77	112	335,235	443,076
RICE IN THE HUSK, UNMILLED..	219	5	50,578	2,475
CORN, EXCEPT SWEET.....	5,479	4,351	2,762,889	2,609,456
GRAIN SORGHUM.....	4,304	2,883	1,711,407	1,456,115
BEAN.....	493	385	451,843	368,379
PEA.....	616	561	332,700	293,344
OTHER V.E.C.....	1,347	5,497	1,135,089	2,030,045

## SOUTH AMERICA

U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

TYPE OF SEED	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
ALL TYPES.....	5,577	8,077	6,281,417	7,554,314
ALFALFA (UNCERTIFIED).....	10	111	23,044	311,359
ALFALFA (CERTIFIED).....	11	15	26,590	34,784
LADINO CLOVER.....	18	15	63,206	50,631
RED CLOVER.....	19	22	32,716	28,504
OTHER CLOVER.....	6	67	14,400	128,159
BENTGRASS.....	3	5	8,143	21,916
FESCUE GRASS.....	88	411	66,052	400,858
RYEGRASS (ANNUAL).....	133	265	77,697	150,088
RYEGRASS (PERENNIAL).....	13	13	5,156	18,765
KENTUCKY & MERION BLUEGRASS.	7	10	12,412	39,450
OTHER GRASS.....	267	340	328,036	566,081
ALL FORAGE.....	573	1,275	657,452	1,750,595
CARROT.....	27	41	259,642	342,217
ONION.....	27	23	516,141	490,746
SWEET CORN.....	11	10	30,257	24,096
OTHER VEGETABLE.....	218	331	1,829,427	2,348,899
ALL VEGETABLE EXC. BEAN & PEA	283	405	2,635,467	3,205,958
FLOWER.....	1	3	17,447	37,195
RICE IN THE HUSK, UNMILLED..	22	3,875	10,860	581,250
CORN, EXCEPT SWEET.....	68	591	37,419	384,106
GRAIN SORGHUM.....	4,419	1,686	2,504,874	1,188,649
BEAN.....	83	64	116,368	126,435
PEA.....	40	46	34,770	30,294
OTHER N.E.C.....	89	132	266,760	249,832

EUROPE

**U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31**

TYPE OF SEED	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
ALL TYPES.....	20,526	18,897	27,347,971	28,387,826
ALFALFA (UNCERTIFIED).....	2	731	4,866	1,387,692
ALFALFA (CERTIFIED).....	455	968	1,134,710	2,003,877
LADINO CLOVER.....	692	394	1,986,934	1,275,169
RED CLOVER.....	114	218	215,788	296,105
OTHER CLOVER.....	7	111	42,000	310,124
BENTGRASS.....	1,304	849	1,522,120	1,282,616
FESCUE GRASS.....	1,726	1,461	1,852,853	1,749,828
RYEGRASS (ANNUAL).....	921	1,625	509,329	930,770
RYEGRASS (PERENNIAL).....	194	121	159,447	145,749
KENTUCKY & MERION BLUEGRASS.	1,194	176	1,853,816	294,493
TIMOTHY GRASS.....	1,445	593	1,248,939	827,168
OTHER GRASS.....	2,924	815	1,293,519	972,597
ALL FORAGE.....	10,978	8,062	11,824,321	11,476,188
CARROT.....	54	105	241,958	621,063
ONION.....	31	18	523,965	284,175
SWEET CORN.....	216	93	216,758	173,027
OTHER VEGETABLE.....	1,295	1,500	6,918,138	7,354,980
ALL VEGETABLE EXC. BEAN & PEA	1,596	1,717	7,900,819	8,433,245
FLOWER.....	98	139	1,019,473	985,629
RICE IN THE HUSK, UNMILLED..	0	0	0	0
CORN, EXCEPT SWEET.....	2,699	2,210	2,317,236	2,799,211
GRAIN SORGHUM.....	525	25	272,019	11,880
BEAN.....	1,852	1,707	1,721,560	1,424,916
PEA.....	2,446	4,451	1,204,741	2,115,638
OTHER V.E.C.....	332	586	1,087,802	1,141,119

**U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31**

TYPE OF SEED	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
ALL TYPES.....	17,369	17,143	22,977,847	24,724,734
ALFALFA (UNCERTIFIED).....	1	693	3,146	1,255,903
ALFALFA (CERTIFIED).....	0	793	1,700	1,610,247
LADINO CLOVER.....	561	303	1,595,898	986,220
RED CLOVER.....	109	195	208,900	269,769
OTHER CLOVER.....	7	101	42,000	291,124
BENTGRASS.....	1,152	664	1,341,607	979,997
FESCUE GRASS.....	1,556	1,300	1,683,117	1,555,701
RYEGRASS (ANNUAL).....	774	1,506	438,049	844,641
RYEGRASS (PERENNIAL).....	162	106	121,167	131,541
KENTUCKY & MERION BLUEGRASS.	1,028	112	1,611,044	139,791
TIMOTHY GRASS.....	757	246	681,274	313,984
OTHER GRASS.....	2,832	700	1,147,356	870,029
ALL FORAGE.....	8,940	6,718	8,875,258	9,248,947
CARROT.....	53	98	237,503	572,358
ONION.....	29	17	479,383	262,399
SWEET CORN.....	207	93	204,007	171,949
OTHER VEGETABLE.....	1,125	1,340	6,089,358	6,528,934
ALL VEGETABLE EXC. BEAN & PEA	1,415	1,547	7,010,251	7,535,640
FLOWER.....	84	124	864,327	848,903
RICE IN THE HUSK, UNMILLED..	0	0	0	0
CORN, EXCEPT SWEET.....	2,195	2,170	2,229,649	2,704,036
GRAIN SORGHUM.....	453	25	228,119	11,880
BEAN.....	1,822	1,628	1,685,836	1,332,943
PEA.....	2,161	4,380	1,048,032	2,071,616
OTHER N.E.C.....	298	551	1,036,375	970,769

## ASIA

U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

TYPE OF SEED	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
ALL TYPES.....	5,928	8,525	9,273,960	11,823,736
ALFALFA (UNCERTIFIED).....	25	1	56,814	6,201
ALFALFA (CERTIFIED).....	2	8	4,831	20,900
LADINO CLOVER.....	45	58	138,954	172,658
RED CLOVER.....	153	200	328,832	479,784
OTHER CLOVER.....	24	10	49,963	16,632
BENTGRASS.....	96	142	248,371	272,858
FESCUE GRASS.....	585	543	336,644	453,953
RYEGRASS (ANNUAL).....	997	1,325	459,369	497,016
RYEGRASS (PERENNIAL).....	229	55	115,033	29,380
KENTUCKY & MERION BLUEGRASS.	123	170	150,787	282,844
TIMOTHY GRASS.....	257	193	195,357	347,988
OTHER GRASS.....	531	528	535,136	636,327
ALL FORAGE.....	3,067	3,233	2,620,091	3,216,541
CARROT.....	26	52	136,924	253,699
ONION.....	31	41	439,155	689,981
SWEET CORN.....	332	123	802,722	397,317
OTHER VEGETABLE.....	866	1,047	4,058,951	4,165,876
ALL VEGETABLE EXC. BEAN & PEA	1,255	1,263	5,437,752	5,506,873
FLOWER.....	6	40	46,611	148,831
CORN, EXCEPT SWEET.....	183	1,928	136,053	1,428,699
GRAIN SORGHUM.....	526	409	271,313	257,090
BEAN.....	247	203	281,323	231,232
PEA.....	319	210	185,589	124,693
OTHER N.E.C.....	326	1,240	275,228	909,777

OCEANIA

**U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31**

TYPE OF SEED	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
ALL TYPES.....	1,533	1,278	2,718,536	3,029,233
ALFALFA (UNCERTIFIED).....	5	78	16,682	264,300
ALFALFA (CERTIFIED).....	36	265	112,688	817,947
LADINO CLOVER.....	37	25	114,863	77,949
RED CLOVER.....	61	12	109,868	10,536
BENTGRASS.....	136	110	253,276	228,947
FESCUE GRASS.....	304	99	312,308	122,536
RYEGRASS (ANNUAL).....	35	51	29,390	23,400
RYEGRASS (PERENNIAL).....	11	28	6,808	50,325
KENTUCKY & MERION BLUEGRASS.	194	139	205,055	262,811
OTHER GRASS.....	176	158	309,683	399,948
ALL FORAGE.....	995	965	1,470,621	2,258,699
CARROT.....	1	1	8,244	8,380
ONION.....	4	0	51,684	744
SWEET CORN.....	2	3	5,720	8,264
OTHER VEGETABLE.....	67	65	416,097	349,689
ALL VEGETABLE EXC. BEAN & PEA	75	69	481,745	367,077
FLOWER.....	10	17	129,563	137,970
CORN, EXCEPT SWEET.....	0	9	0	11,455
GRAIN SORGHUM.....	0	1	0	594
BEAN.....	289	181	367,253	201,666
PEA.....	75	15	59,785	13,100
OTHER N.E.C.....	89	22	209,569	38,672

## AFRICA

U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

TYPE OF SEED	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
ALL TYPES.....	1,372	1,105	1,846,807	29,951,721
ALFALFA (UNCERTIFIED).....	5	13	13,167	31,652
ALFALFA (CERTIFIED).....	6	126	15,500	265,351
LADINO CLOVER.....	2	4	5,800	15,549
RED CLOVER.....	0	3	0	7,526
OTHER CLOVER.....	0	2	0	7,205
BENTGRASS.....	1	1	2,526	7,301
FESCUE GRASS.....	46	45	33,551	127,171
RYEGRASS (ANNUAL).....	0	5	0	2,555
RYEGRASS (PERENNIAL).....	7	1	4,655	2,800
KENTUCKY & MERION BLUEGRASS.	1	0	4,560	0
OTHER GRASS.....	109	126	92,348	127,933
ALL FORAGE.....	177	325	172,107	595,043
CARROT.....	4	27	20,453	36,370
ONION.....	8	7	155,379	168,811
SWEET CORN.....	8	9	17,989	21,641
OTHER VEGETABLE.....	77	149	762,556	1,528,443
ALL VEGETABLE EXC.BEAN & PEA	97	191	956,377	1,755,265
FLOWER.....	2	7	35,447	100,715
RICE IN THE HUSK, UNMILLED..	0	0	0	0
CORN, EXCEPT SWEET.....	67	91	20,527	85,718
GRAIN SORGHUM.....	909	369	521,148	198,500
BEAN.....	8	108	9,551	96,654
PEA.....	0	3	0	3,250
OTHER N.E.C.....	113	12	131,655	116,576

**U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31**

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	9,955	7,596	8,625,249	7,576,459
MEXICO.....	7,051	10,716	7,393,258	9,405,752
GUATEMALA.....	69	74	100,977	149,280
BELIZE.....	9	9	5,661	6,975
EL SALVADOR.....	14	49	80,565	59,435
HONDURAS.....	15	105	118,029	139,314
NICARAGUA.....	230	125	137,210	186,423
COSTA RICA.....	716	339	616,498	352,712
PANAMA.....	71	173	98,173	200,402
BERMUDA.....	9	16	14,952	26,941
BAHAMAS.....	8	66	43,336	114,324
JAMAICA.....	217	387	483,243	754,086
HAITI.....	128	504	192,619	574,793
DOMINICAN REPUBLIC.....	67	50	291,418	411,263
LEEWARD-WINDWARD IS.....	11	28	21,438	69,973
BARBADS.....	12	24	24,341	54,140
TRINIDAD-TD8AGO.....	8	6	35,120	38,698
NETHERLANDS ANTILLES.....	1	4	4,659	3,876
FRENCH WEST INDIES.....	15	9	25,496	31,814
TOTAL NDRTH AMERICA.....	18,604	20,279	18,312,242	20,156,660
COLOMBIA.....	567	4,335	639,383	1,065,961
VENEZUELA.....	1,355	1,658	1,543,008	1,601,339
GUYANA.....	13	15	19,345	24,799
SURINAM.....	0	2	898	16,456
FRENCH GUIANA.....	0	1	0	1,198
ECUADOR.....	88	249	170,964	481,671
PERU.....	144	40	332,652	176,913
BOLIVIA.....	5	46	37,571	66,537
CHILE.....	79	184	85,980	316,192
BRAZIL.....	3,140	721	3,080,485	2,283,581
PARAGUAY.....	4	35	19,622	41,026
URUGUAY.....	90	122	106,827	154,136
ARGENTINA.....	92	671	244,682	1,324,505
TOTAL SOUTH AMERICA.....	5,577	8,077	6,281,417	7,554,314
DENMARK.....	272	239	986,405	948,183
UNITED KINGDOM.....	2,194	2,802	2,867,058	3,166,954
IRELAND.....	38	381	43,397	228,444
NETHERLANDS.....	3,117	3,206	4,807,532	4,716,305
BELGIUM-LUXEMBURG.....	285	244	296,726	248,880
FRANCE.....	4,112	2,917	5,641,722	4,752,060
FED.REP.OF GERMANY.....	3,973	2,035	3,066,141	2,558,910
ITALY.....	3,377	5,320	5,268,866	8,104,998
TOTAL EC=9.....	17,369	17,143	22,977,847	24,724,734
ICELAND.....	466	0	58,685	0
SWEDEN.....	855	437	906,480	876,130
NDRWAY.....	90	124	78,825	241,035
FINLAND.....	331	218	274,415	317,445
AUSTRIA.....	255	141	286,834	320,407
HUNGARY.....	12	19	43,844	24,250
SWITZERLAND.....	234	218	477,864	356,437
PDLAND.....	455	129	1,134,374	322,831
USSR.....	2	0	7,818	0
AZDRES.....	5	4	19,676	25,000
SPAIN.....	388	311	773,808	691,144
PORTUGAL.....	28	40	101,432	129,102
YUGOSLAVIA.....	0	49	0	103,880
GREECE.....	37	44	206,069	165,431
BULGARIA.....	0	22	0	90,000
TOTAL EUROPE.....	20,526	18,897	27,347,971	28,387,826

(CONTINUED)

**U.S. SEED EXPORTS, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31**

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
TURKEY.....	0	0	550	0
CYPRUS.....	8	4	46,111	28,273
SYRIA.....	47	49	323,721	326,824
LEBANON.....	5	20	47,729	165,423
IRAQ.....	57	17	511,447	141,442
IRAN.....	241	251	1,381,372	968,258
ISRAEL.....	479	245	463,021	285,495
JORDAN.....	38	28	264,825	248,841
KUWAIT.....	34	125	71,070	183,710
SAUDI ARABIA.....	73	100	396,452	591,769
QATAR.....	3	1	19,161	11,077
UNITED ARAB EMIRATES.....	10	20	80,098	94,258
YEMEN (SANAA).....	1	1	18,799	12,936
YEMEN (ADEN).....	0	2	9,471	25,640
OMAN.....	0	3	5,539	24,324
BAHRAIN.....	1	0	11,657	0
INDIA.....	0	0	520	0
PAKISTAN.....	7	2	16,936	15,286
BANGLADESH.....	100	800	38,528	279,913
SRI LANKA (CEYLON).....	37	3	65,574	27,600
THAILAND.....	37	15	161,726	163,547
MALAYSIA.....	11	7	17,264	11,890
SINGAPORE.....	1	17	9,314	5,672
INDONESIA.....	0	1	5,863	24,115
PHILIPPINES.....	69	317	169,704	596,385
PEOPLES REP OF CHINA.....	2	1	41,555	7,744
KOREA, REPUBLIC OF.....	89	218	104,266	181,702
HONG KONG.....	35	98	132,560	331,792
CHINA, REPUBLIC OF (TAIWAN) ..	63	7	156,922	48,990
JAPAN.....	4,479	6,172	4,702,205	7,020,830
TOTAL ASIA.....	5,928	8,525	9,273,960	11,823,736
MOROCCO.....	71	104	75,492	228,000
ALGERIA.....	303	241	151,979	377,353
TUNISIA.....	6	0	17,276	1,410
LIBYA.....	71	178	297,075	236,668
EGYPT.....	13	44	142,822	236,893
SUDAN.....	5	10	55,429	120,744
CANARY ISLANDS.....	1	2	8,478	6,789
SENEGAL.....	5	3	46,740	80,560
GUINEA.....	0	0	1,762	0
SIERRA LEONE.....	1	2	24,000	33,623
IVORY COAST.....	0	9	3,708	36,834
GHANA.....	0	1	4,954	11,904
GAMBIA.....	0	0	1,085	2,240
NIGERIA.....	3	26	17,951	35,870
UPPER VOLTA.....	4	2	4,589	3,605
ANGOLA.....	1	15	5,857	284,176
WESTERN AFRICA, NEC.....	0	0	6,046	1,168
LIBERIA.....	0	3	1,431	9,141
ETHIOPIA.....	0	0	0	1,377
KENYA.....	7	16	42,843	207,426
TANZANIA.....	0	0	0	1,220
MAURITIUS.....	1	1	5,141	7,502
MOZAMBIQUE.....	0	1	0	13,402
MALAGASY REPUBLIC.....	0	1	2,542	7,426
REP SOUTH AFRICA.....	875	445	886,142	691,960
SW AFRICA(NAMIBIA).....	0	1	0	18,390
ZAMBIA.....	7	1	23,466	86,040
TOTAL AFRICA.....	1,372	2,355	1,846,807	3,267,493
AUSTRALIA.....	1,186	1,199	2,043,404	2,766,863
NEW ZEALAND.....	343	62	653,651	243,730
BRITISH PACIFIC ISLS.....	0	2	0	4,558
FR PACIFIC ISLANDS.....	1	1	10,744	5,651
TRUST TERRITORY PACIFIC IS..	0	7	0	1,260
OTHER PAC ISLS, NEC.....	3	7	10,737	7,171
TOTAL OCEANIA.....	1,533	1,278	2,718,536	3,029,233
GRAND TOTAL.....	53,541	58,162	65,780,933	73,903,490

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	45	51	105,227	121,036
MEXICO.....	377	314	817,361	589,028
JAMAICA.....	0	0	0	0
DOMINICAN REPUBLIC.....	0	0	960	0
TOTAL NORTH AMERICA.....	422	364	923,548	710,064
COLOMBIA.....	5	1	9,544	2,175
VENEZUELA.....	0	0	1,000	0
ECUADOR.....	5	55	12,500	152,976
BOLIVIA.....	0	5	0	18,330
BRAZIL.....	0	29	0	79,180
ARGENTINA.....	0	21	0	58,698
TOTAL SOUTH AMERICA.....	10	111	23,044	311,359
UNITED KINGDOM.....	1	0	1,848	0
FED. REP. OF GERMANY.....	0	0	1,298	0
ITALY.....	0	693	0	1,255,903
TOTAL EC-9.....	1	693	3,146	1,255,903
SWEDEN.....	0	37	1,060	128,775
USSR.....	0	0	660	0
SPAIN.....	0	1	0	3,014
TOTAL EUROPE.....	2	731	4,866	1,387,692
SYRIA.....	0	0	1,536	0
IRAN.....	1	0	1,500	1,500
KUWAIT.....	18	0	38,998	0
KOREA, REPUBLIC OF.....	1	1	2,640	3,576
JAPAN.....	5	0	12,140	1,125
TOTAL ASIA.....	25	1	56,814	6,201
LIBYA.....	2	8	4,317	22,680
KENYA.....	3	2	8,850	5,940
REP. SOUTH AFRICA.....	0	3	0	3,032
TOTAL AFRICA.....	5	13	13,167	31,652
AUSTRALIA.....	0	78	0	264,300
NEW ZEALAND.....	5	0	16,682	0
TOTAL OCEANIA.....	5	78	16,682	264,300
GRAND TOTAL.....	469	1,298	1,038,121	2,711,268

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	398	226	985,078	671,138
MEXICO.....	977	1,303	2,252,718	2,582,170
JAMAICA.....	0	0	0	0
TOTAL NORTH AMERICA.....	1,375	1,529	3,237,796	3,253,308
COLOMBIA.....	0	5	0	7,955
VENEZUELA.....	1	2	1,980	6,000
ECUADOR.....	3	7	7,700	15,532
PERU.....	5	0	11,840	0
CHILE.....	0	1	0	5,297
BRAZIL.....	2	0	5,070	0
TOTAL SOUTH AMERICA.....	11	15	26,590	34,784
DENMARK.....	0	14	0	46,350
UNITED KINGDOM.....	0	0	1,700	0
NETHERLANDS.....	0	10	0	21,330
FRANCE.....	0	140	0	264,392
FED.REP.OF GERMANY.....	0	30	0	101,824
ITALY.....	0	600	0	1,176,351
TOTAL EC-9.....	0	793	1,700	1,610,247
POLAND.....	454	127	1,131,503	292,256
SPAIN.....	1	48	1,507	101,374
TOTAL EUROPE.....	455	968	1,134,710	2,003,871
IRAN.....	0	2	0	5,202
KOREA,REPUBLIC OF.....	1	1	2,279	2,468
JAPAN.....	1	6	2,552	13,230
TOTAL ASIA.....	2	8	4,831	20,900
MOROCCO.....	0	100	0	199,100
TUNISIA.....	6	0	15,500	0
LIBYA.....	0	7	0	19,500
EGYPT.....	0	20	0	46,751
TOTAL AFRICA.....	6	126	15,500	265,351
AUSTRALIA.....	0	236	0	720,232
NEW ZEALAND.....	36	29	112,688	97,715
TOTAL OCEANIA.....	36	265	112,688	817,947
GRAND TOTAL.....	1,885	2,912	4,532,115	6,396,167

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	32	18	90,125	49,664
MEXICO.....	18	12	42,151	37,428
GUATEMALA.....	2	0	2,320	0
JAMAICA.....	0	0	0	0
TOTAL NORTH AMERICA.....	52	30	134,596	87,092
COLOMBIA.....	3	1	6,824	3,900
ECUADOR.....	2	6	8,500	24,450
BRAZIL.....	12	8	47,882	22,281
TOTAL SOUTH AMERICA.....	18	15	63,206	50,631
UNITED KINGDOM.....	0	5	0	15,211
NETHERLANDS.....	36	0	115,699	0
FRANCE.....	260	92	718,930	294,455
FED. REP. OF GERMANY.....	40	20	113,756	62,169
ITALY.....	225	185	647,513	614,385
TOTAL EC-9.....	561	303	1,595,898	986,220
AUSTRIA.....	1	0	1,752	0
SWITZERLAND.....	108	67	322,377	203,615
AZORES.....	5	4	19,676	17,500
SPAIN.....	17	21	47,231	67,834
TOTAL EUROPE.....	692	394	1,986,934	1,275,169
IRAN.....	7	0	24,933	0
KOREA, REPUBLIC OF.....	7	9	21,150	29,979
JAPAN.....	31	49	92,871	142,679
TOTAL ASIA.....	45	58	138,954	172,658
REP. SOUTH AFRICA.....	2	4	5,800	15,549
TOTAL AFRICA.....	2	4	5,800	15,549
AUSTRALIA.....	37	25	114,863	77,949
TOTAL OCEANIA.....	37	25	114,863	77,949
GRAND TOTAL.....	845	526	2,444,353	1,679,048

RED CLOVER SEED

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	290	58	484,208	108,762
MEXICO.....	9	6	17,345	12,814
COSTA RICA.....	1	0	2,820	0
JAMAICA.....	0	0	0	0
TOTAL: NORTH AMERICA.....	300	64	504,373	121,576
COLOMBIA.....	14	0	24,952	0
ECUADOR.....	2	20	4,564	26,180
BRAZIL.....	3	2	3,200	2,324
TOTAL: SOUTH AMERICA.....	19	22	32,716	28,504
NETHERLANDS.....	50	0	93,720	0
FRANCE.....	0	59	0	155,839
FED. REP. OF GERMANY.....	59	17	115,180	13,970
ITALY.....	0	118	0	99,960
TOTAL: EC-9.....	109	195	208,900	269,769
SWEDEN.....	0	10	0	11,880
FINLAND.....	0	10	0	11,110
SWITZERLAND.....	0	1	0	1,500
SPAIN.....	5	0	6,888	0
GREECE.....	0	3	0	1,846
TOTAL: EUROPE.....	114	218	215,788	296,105
KOREA, REPUBLIC OF.....	3	4	8,376	9,660
JAPAN.....	149	196	320,456	470,124
TOTAL: ASIA.....	153	200	328,832	479,784
REP. SOUTH AFRICA.....	0	3	0	7,526
TOTAL: AFRICA.....	0	3	0	7,526
AUSTRALIA.....	61	12	109,868	10,536
TOTAL: OCEANIA.....	61	12	109,868	10,536
GRAND TOTAL.....	647	520	1,191,577	944,031

## CLOVER SEED, OTHER

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	0	34	0	56,757
MEXICO.....	3	26	6,186	67,298
NICARAGUA.....	0	1	0	3,045
JAMAICA.....	0	0	0	0
TOTAL NORTH AMERICA.....	3	61	6,186	127,100
COLOMBIA.....	3	0	7,460	0
VENEZUELA.....	1	1	3,750	1,200
ECUADOR.....	1	1	3,190	2,180
BOLIVIA.....	0	1	0	1,040
CHILE.....	0	0	0	1,050
BRAZIL.....	0	5	0	13,661
ARGENTINA.....	0	59	0	109,028
TOTAL SOUTH AMERICA.....	6	67	14,400	128,159
UNITED KINGDOM.....	7	30	42,000	73,357
FRANCE.....	0	67	0	213,312
ITALY.....	0	3	0	4,455
TOTAL EC-9.....	7	101	42,000	291,124
SWITZERLAND.....	0	10	0	19,000
TOTAL EUROPE.....	7	111	42,000	310,124
KOREA, REPUBLIC OF.....	0	1	0	2,037
HONG KONG.....	1	0	3,500	0
CHINA, REPUBLIC OF (TAIWAN) ..	3	0	11,399	0
JAPAN.....	20	9	35,064	14,595
TOTAL ASIA.....	24	10	49,963	16,632
REP SOUTH AFRICA.....	0	2	0	7,205
TOTAL AFRICA.....	0	2	0	7,205
TOTAL OCEANIA.....	0	0	0	0
GRAND TOTAL.....	40	250	112,549	589,220

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	30	38	60,907	96,758
MEXICO.....	1	0	2,270	0
COSTA RICA.....	1	0	1,980	0
PANAMA.....	0	1	0	3,870
JAMAICA.....	0	0	0	0
TOTAL NORTH AMERICA.....	32	40	65,157	100,628
COLOMBIA.....	0	0	0	1,400
ECUADOR.....	0	0	0	3,875
BOLIVIA.....	0	0	2,000	0
CHILE.....	0	2	2,696	7,838
BRAZIL.....	0	0	572	0
ARGENTINA.....	2	2	2,875	8,803
TOTAL SOUTH AMERICA.....	3	5	8,143	21,916
DENMARK.....	10	41	10,888	56,654
UNITED KINGDOM.....	315	55	377,386	82,205
IRELAND.....	16	5	20,130	7,480
NETHERLANDS.....	213	132	257,748	190,124
BELGIUM-LUXEMBOURG.....	54	87	66,216	125,740
FRANCE.....	316	156	359,129	219,812
FED. REP. OF GERMANY.....	196	156	212,514	254,432
ITALY.....	32	31	37,596	43,550
TOTAL EC-9.....	1,152	664	1,341,607	979,997
SWEDEN.....	88	119	98,289	187,765
NORWAY.....	3	24	4,080	48,322
FINLAND.....	23	11	25,999	12,606
AUSTRIA.....	0	25	0	35,716
SWITZERLAND.....	1	0	1,525	1,160
SPAIN.....	37	6	50,620	17,050
TOTAL EUROPE.....	1,304	849	1,522,120	1,282,616
IRAN.....	0	80	6,750	98,440
KUWAIT.....	0	0	0	1,849
KOREA, REPUBLIC OF.....	0	0	1,068	2,166
JAPAN.....	95	62	240,553	170,403
TOTAL ASIA.....	96	142	248,371	272,858
TUNISIA.....	0	0	1,776	1,410
REP. SOUTH AFRICA.....	1	0	750	5,891
TOTAL AFRICA.....	1	1	2,526	7,301
AUSTRALIA.....	131	107	224,687	213,668
NEW ZEALAND.....	4	3	28,589	15,279
TOTAL OCEANIA.....	136	110	253,276	228,947
GRAND TOTAL.....	1,571	1,147	2,099,593	1,914,266

## FESCUE GRASS SEED

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	167	56	118,884	54,894
MEXICO.....	28	20	20,991	14,529
JAMAICA.....	0	0	0	0
TOTAL NORTH AMERICA.....	196	76	139,875	69,423
ECUADOR.....	5	0	3,850	0
BOLIVIA.....	0	2	0	1,440
CHILE.....	3	3	2,326	6,549
BRAZIL.....	60	64	46,988	55,061
URUGUAY.....	0	8	0	9,026
ARGENTINA.....	20	333	12,888	328,782
TOTAL SOUTH AMERICA.....	88	411	66,052	400,858
DENMARK.....	20	0	14,960	0
UNITED KINGDOM.....	452	255	493,847	351,311
IRELAND.....	0	15	0	22,440
NETHERLANDS.....	426	601	560,461	799,752
BELGIUM-LUXEMBOURG.....	79	39	82,364	28,168
FRANCE.....	417	184	373,352	164,401
FED.REP.OF GERMANY.....	146	130	146,045	155,105
ITALY.....	16	76	12,088	34,524
TOTAL EC-9.....	1,556	1,300	1,683,117	1,555,701
SWEDEN.....	78	89	86,670	117,965
NORWAY.....	0	7	0	12,570
AUSTRIA.....	30	5	25,551	5,830
SWITZERLAND.....	19	13	25,857	16,279
SPAIN.....	34	35	27,428	32,543
GREECE.....	9	12	4,230	8,940
TOTAL EUROPE.....	1,726	1,461	1,852,853	1,749,828
KOREA,REPUBLIC OF.....	16	51	18,051	43,920
CHINA,REPUBLIC OF (TAIWAN) ..	0	1	0	1,652
JAPAN.....	569	491	318,593	408,381
TOTAL ASIA.....	585	543	336,644	453,953
REP SOUTH AFRICA.....	46	45	33,551	127,171
TOTAL AFRICA.....	46	45	33,551	127,171
AUSTRALIA.....	239	99	211,086	122,536
NEW ZEALAND.....	65	0	101,222	0
TOTAL OCEANIA.....	304	99	312,308	122,536
GRAND TOTAL.....	2,944	2,635	2,741,283	2,923,769

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	218	509	67,710	148,405
MEXICO.....	564	567	211,305	202,637
GUATEMALA.....	0	1	0	930
COSTA RICA.....	4	0	2,574	0
PANAMA.....	0	0	660	0
BERMUDA.....	6	10	5,116	8,930
BAHAMAS.....	2	4	5,534	3,062
JAMAICA.....	0	0	0	0
HAITI.....	5	16	12,325	6,180
BARBADOS.....	0	14	0	6,858
TOTAL NORTH AMERICA.....	799	1,121	305,224	377,002
COLOMBIA.....	61	53	29,062	50,266
VENEZUELA.....	0	3	0	1,000
ECUADOR.....	28	50	26,985	42,547
PERU.....	0	3	0	1,048
BOLIVIA.....	0	4	0	2,760
CHILE.....	15	0	11,927	870
BRAZIL.....	30	153	9,723	51,597
TOTAL SOUTH AMERICA.....	133	265	77,697	150,088
DENMARK.....	0	5	0	41,110
UNITED KINGDOM.....	63	0	29,952	0
IRELAND.....	18	0	18,285	0
NETHERLANDS.....	620	1,019	336,292	581,598
BELGIUM-LUXEMBOURG.....	0	88	0	44,133
FRANCE.....	64	40	33,510	20,240
FED.REP.OF GERMANY.....	8	117	20,010	75,442
ITALY.....	0	237	0	82,118
TOTAL EC-9.....	774	1,506	438,049	844,641
SWEDEN.....	0	8	0	24,504
NORWAY.....	80	0	45,016	0
FINLAND.....	0	50	0	24,283
AUSTRIA.....	40	59	14,706	35,992
SWITZERLAND.....	28	0	11,558	0
GREECE.....	0	2	0	1,350
TOTAL EUROPE.....	921	1,625	509,329	930,770
ISRAEL.....	0	4	0	3,080
KOREA,REPUBLIC OF.....	8	49	3,740	17,105
CHINA,REPUBLIC OF (TAIWAN) ..	0	1	0	720
JAPAN.....	989	1,271	455,629	476,111
TOTAL ASIA.....	997	1,325	459,369	497,016
REP SOUTH AFRICA.....	0	5	0	2,555
TOTAL AFRICA.....	0	5	0	2,555
AUSTRALIA.....	35	51	29,390	23,400
TOTAL OCEANIA.....	35	51	29,390	23,400
GRAND TOTAL.....	2,885	4,392	1,381,009	1,980,831

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	85	66	35,399	84,745
MEXICO.....	100	124	61,823	59,161
GUATEMALA.....	2	0	1,160	0
JAMAICA.....	0	0	0	0
HAITI.....	0	2	0	8,483
TOTAL N. NORTH AMERICA.....	187	192	98,382	152,389
COLOMBIA.....	12	0	4,506	0
ECUADOR.....	0	9	0	14,991
PERU.....	0	4	0	3,194
BOLIVIA.....	0	0	0	580
URUGUAY.....	1	0	650	0
TOTAL S. SOUTH AMERICA.....	13	13	5,156	18,765
UNITED KINGDOM.....	0	11	0	15,040
NETHERLANDS.....	56	16	45,633	31,465
FRANCE.....	0	6	0	25,248
FED. REP. OF GERMANY.....	18	18	8,000	40,438
ITALY.....	88	56	67,534	19,350
TOTAL EC-9.....	162	106	121,167	131,541
AUSTRIA.....	4	0	10,578	0
SWITZERLAND.....	28	15	27,702	14,208
TOTAL EUROPE.....	194	121	159,447	145,749
IRAN.....	2	0	1,792	0
SINGAPORE.....	0	0	1,336	0
PHILIPPINES.....	0	8	0	9,646
JAPAN.....	227	48	111,905	19,734
TOTAL ASIA.....	229	55	115,033	29,380
REP. SOUTH AFRICA.....	7	1	4,655	2,800
TOTAL AFRICA.....	7	1	4,655	2,800
AUSTRALIA.....	6	28	4,119	50,325
NEW ZEALAND.....	5	0	2,689	0
TOTAL OCEANIA.....	11	28	6,808	50,325
GRAND TOTAL.....	641	411	389,481	399,408

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	741	672	1,002,094	1,245,111
MEXICO.....	6	40	6,398	62,998
BERMUDA.....	1	1	2,400	2,160
JAMAICA.....	0	0	0	0
TOTAL NORTH AMERICA.....	748	713	1,010,892	1,310,269
CHILE.....	7	5	12,412	15,058
ARGENTINA.....	0	5	0	24,392
TOTAL SOUTH AMERICA.....	7	10	12,412	39,450
DENMARK.....	34	0	34,859	0
UNITED KINGDOM.....	129	5	227,215	10,792
NETHERLANDS.....	256	19	368,793	35,619
FRANCE.....	339	0	483,197	0
FED.REP.OF GERMANY.....	235	87	471,399	93,380
ITALY.....	35	0	25,581	0
TOTAL EC-9.....	1,028	112	1,611,044	139,791
SWEDEN.....	87	40	143,048	118,449
FINLAND.....	0	20	0	28,665
AUSTRIA.....	53	0	52,253	0
SWITZERLAND.....	23	2	38,087	4,253
SPAIN.....	3	1	9,384	1,875
GREECE.....	0	1	0	1,460
TOTAL EUROPE.....	1,194	176	1,853,816	294,493
IRAN.....	6	3	10,851	9,372
PAKISTAN.....	1	0	1,920	0
CHINA,REPUBLIC OF (TAIWAN) ..	0	0	0	630
JAPAN.....	117	167	138,016	272,842
TOTAL ASIA.....	123	170	150,787	282,844
CANARY ISLANDS.....	1	0	4,560	0
TOTAL AFRICA.....	1	0	4,560	0
AUSTRALIA.....	194	139	205,055	262,811
TOTAL OCEANIA.....	194	139	205,055	262,811
GRAND TOTAL.....	2,268	1,208	3,237,522	2,189,867

TIMOTHY GRASS SEED

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	743	317	577,462	456,667
JAMAICA.....	0	0	0	0
TOTAL NORTH AMERICA.....	743	317	577,462	456,667
TOTAL SOUTH AMERICA.....	0	0	0	0
UNITED KINGDOM.....	236	51	238,468	44,965
NETHERLANDS.....	155	101	135,272	143,871
BELGIUM-LUXEMBOURG.....	0	24	0	19,602
FRANCE.....	300	33	247,958	45,204
FED.REP.OF GERMANY.....	47	38	48,576	60,342
ITALY.....	20	0	11,000	0
TOTAL EC-9.....	757	246	681,274	313,984
SWEDEN.....	316	95	280,231	121,926
NORWAY.....	0	88	0	130,547
FINLAND.....	307	127	242,974	223,496
AUSTRIA.....	64	36	44,460	37,215
TOTAL EUROPE.....	1,445	593	1,248,939	827,168
KOREA,REPUBLIC OF.....	2	5	2,498	6,706
JAPAN.....	255	189	192,859	341,282
TOTAL ASIA.....	257	193	195,357	347,988
TOTAL AFRICA.....	0	0	0	0
TOTAL OCEANIA.....	0	0	0	0
GRAND TOTAL.....	2,445	1,104	2,021,758	1,631,823

## GRASS SEED, OTHER

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	271	616	304,341	624,334
MEXICO.....	210	436	209,525	322,684
GUATEMALA.....	0	1	0	1,914
EL SALVADOR.....	0	0	552	0
COSTA RICA.....	16	2	12,370	2,810
PANAMA.....	0	0	0	1,091
BERMUDA.....	1	3	1,500	1,818
BAHAMAS.....	3	58	8,218	47,538
JAMAICA.....	0	0	2,494	1,382
HAITI.....	0	1	1,440	1,606
DOMINICAN REPUBLIC.....	1	1	2,114	2,400
NETHERLANDS ANTILLES.....	0	1	0	658
FRENCH WEST INDIES.....	0	4	0	6,970
TOTAL NORTH AMERICA.....	502	1,124	542,554	1,015,205
COLOMBIA.....	57	2	41,714	6,186
VENEZUELA.....	6	19	15,875	42,846
ECUADOR.....	27	60	23,667	52,903
PERU.....	1	0	5,410	0
BOLIVIA.....	0	1	0	1,785
CHILE.....	3	7	4,769	16,530
BRAZIL.....	165	226	226,914	383,942
ARGENTINA.....	8	24	9,687	61,889
TOTAL SOUTH AMERICA.....	267	340	328,036	566,081
UNITED KINGDOM.....	1	2	4,550	9,727
NETHERLANDS.....	10	34	20,267	95,949
FRANCE.....	260	313	186,149	267,067
FED.REP.OF GERMANY.....	2,445	205	800,360	339,836
ITALY.....	116	146	136,030	157,450
TOTAL EC-9.....	2,832	700	1,147,356	870,029
SWEDEN.....	0	0	0	1,182
NORWAY.....	7	2	26,555	18,854
AUSTRIA.....	31	0	31,710	0
HUNGARY.....	0	19	0	22,600
SWITZERLAND.....	0	70	0	17,477
POLAND.....	0	0	1,176	0
SPAIN.....	43	9	73,155	20,018
GREECE.....	10	14	13,567	22,437
TOTAL EUROPE.....	2,924	815	1,293,519	972,597

GRASS SEED, OTHER  
(CONTINUED)

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
IRAN.....	6	61	14,757	205,019
ISRAEL.....	1	1	1,340	2,279
KUWAIT.....	5	4	13,810	18,200
SAUDI ARABIA.....	24	6	48,213	17,600
QATAR.....	2	0	4,405	0
UNITED ARAB EMIRATES.....	2	3	2,780	8,910
THAILAND.....	1	1	1,200	1,060
MALAYSIA.....	6	2	11,814	7,700
SINGAPORE.....	0	17	0	3,380
INDONESIA.....	0	0	0	848
PHILIPPINES.....	0	4	0	11,264
KOREA, REPUBLIC OF.....	49	89	44,464	53,395
HONG KONG.....	0	18	600	3,720
CHINA, REPUBLIC OF (TAIWAN) ..	0	0	0	1,600
JAPAN.....	436	320	391,753	301,352
TOTAL ASIA.....	531	528	535,136	636,327
ALGERIA.....	2	0	1,925	0
LIBYA.....	15	100	31,815	60,996
IVORY COAST.....	0	8	0	28,160
REP SOUTH AFRICA.....	91	18	58,608	38,777
TOTAL AFRICA.....	109	126	92,348	127,933
AUSTRALIA.....	170	157	300,689	388,928
NEW ZEALAND.....	6	1	8,994	11,020
TOTAL OCEANIA.....	176	158	309,683	399,948
GRAND TOTAL.....	4,509	3,090	3,101,276	3,718,091
			....	

## ALL FORAGE SEEDS

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	3,020	2,662	3,831,435	3,718,271
MEXICO.....	2,293	2,847	3,648,073	3,950,747
GUATEMALA.....	4	2	3,480	2,844
EL SALVADOR.....	0	0	552	0
NICARAGUA.....	0	1	0	3,045
COSTA RICA.....	22	2	19,744	2,810
PANAMA.....	0	2	660	4,961
BERMUDA.....	8	14	9,016	12,908
BAHAMAS.....	5	63	13,752	50,600
JAMAICA.....	0	0	2,494	1,382
HAITI.....	5	19	13,765	16,269
DOMINICAN REPUBLIC.....	1	1	3,074	2,400
BARBADOS.....	0	14	0	6,858
NETHERLANDS ANTILLES.....	0	1	0	658
FRENCH WEST INDIES.....	0	4	0	6,970
TOTAL NORTH AMERICA.....	5,359	5,631	7,546,045	7,780,723
COLOMBIA.....	155	62	124,062	71,882
VENEZUELA.....	9	25	22,605	51,046
ECUADOR.....	72	208	90,956	335,634
PERU.....	6	7	17,250	4,242
BOLIVIA.....	0	13	2,000	25,935
CHILE.....	27	19	34,130	53,192
BRAZIL.....	272	487	340,349	608,046
URUGUAY.....	1	8	650	9,026
ARGENTINA.....	30	445	25,450	591,592
TOTAL SOUTH AMERICA.....	573	1,275	657,452	1,750,595
DENMARK.....	64	60	60,707	144,114
UNITED KINGDOM.....	1,203	414	1,416,966	602,608
IRELAND.....	34	20	38,415	29,920
NETHERLANDS.....	1,821	1,932	1,933,885	1,899,708
BELGIUM-LUXEMBOURG.....	133	238	148,580	217,643
FRANCE.....	1,957	1,090	2,402,225	1,669,970
FED.REP.OF GERMANY.....	3,195	818	1,937,138	1,196,938
ITALY.....	532	2,145	937,342	3,488,046
TOTAL EC-9.....	8,940	6,718	8,875,258	9,248,947
SWEDEN.....	571	399	609,298	712,446
NORWAY.....	89	122	75,651	210,293
FINLAND.....	330	217	268,973	300,160
AUSTRIA.....	222	125	181,010	114,753
HUNGARY.....	0	19	0	22,600
SWITZERLAND.....	208	178	427,106	277,492
POLAND.....	455	127	1,132,679	292,256
USSR.....	0	0	660	0
AZORES.....	5	4	19,676	17,500
SPAIN.....	139	121	216,213	243,708
GREECE.....	19	32	17,797	36,033
TOTAL EUROPE.....	10,978	8,062	11,824,321	11,476,188

ALL FORAGE SEEDS  
(CONTINUED)U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
SYRIA.....	0	0	1,536	0
IRAN.....	22	147	60,583	319,533
ISRAEL.....	1	5	1,340	5,359
KUWAIT.....	23	5	52,808	20,049
SAUDI ARABIA.....	24	6	48,213	17,600
QATAR.....	2	0	4,405	0
UNITED ARAB EMIRATES.....	2	3	2,780	8,910
PAKISTAN.....	1	0	1,920	0
THAILAND.....	1	1	1,200	1,060
MALAYSIA.....	6	2	11,814	7,700
SINGAPORE.....	0	17	1,336	3,380
INDONESIA.....	0	0	0	848
PHILIPPINES.....	0	12	0	20,910
KOREA, REPUBLIC OF.....	89	209	104,266	171,012
HONG KONG.....	1	18	4,100	3,720
CHINA, REPUBLIC OF (TAIWAN) ..	3	3	11,399	4,602
JAPAN.....	2,892	2,805	2,312,391	2,631,858
TOTAL ASIA.....	3,067	3,233	2,620,091	3,216,541
MOROCCO.....	0	100	0	199,100
ALGERIA.....	2	0	1,925	0
TUNISIA.....	6	0	17,276	1,410
LIBYA.....	18	115	36,132	103,176
EGYPT.....	0	20	0	46,751
CANARY ISLANDS.....	1	0	4,560	0
IVORY COAST.....	0	8	0	28,160
KENYA.....	3	2	8,850	5,940
REP SOUTH AFRICA.....	147	81	103,364	210,506
TOTAL AFRICA.....	177	325	172,107	595,043
AUSTRALIA.....	874	932	1,199,757	2,134,685
NEW ZEALAND.....	121	33	270,864	124,014
TOTAL OCEANIA.....	995	965	1,470,621	2,258,699
GRAND TOTAL.....	21,148	19,492	24,290,637	27,077,789

CARRUT SEED

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	9	7	51,665	51,747
MEXICO.....	14	12	112,026	57,683
GUATEMALA.....	0	1	2,064	3,782
NICARAGUA.....	0	0	0	574
COSTA RICA.....	0	0	1,308	3,148
JAMAICA.....	1	1	8,714	8,487
HAITI.....	1	0	3,831	3,053
DOMINICAN REPUBLIC.....	0	1	1,555	12,097
LEEWARD-WINDWARD IS.....	0	0	0	1,752
BARBADOS.....	0	0	0	1,548
TRINIDAD-TOBAGO.....	0	0	586	0
FRENCH WEST INDIES.....	0	0	0	516
TOTAL NORTH AMERICA.....	26	23	181,749	144,387
COLOMBIA.....	2	0	14,870	0
VENEZUELA.....	0	0	3,000	0
SURINAM.....	0	1	0	7,946
ECUADOR.....	1	0	1,875	1,582
PERU.....	3	3	19,133	18,535
CHILE.....	0	0	0	1,334
BRAZIL.....	21	32	219,334	288,710
PARAGUAY.....	0	1	1,430	4,788
ARGENTINA.....	0	4	0	19,322
TOTAL SOUTH AMERICA.....	27	41	259,642	342,217
DENMARK.....	11	19	45,000	79,450
UNITED KINGDOM.....	20	24	101,638	137,956
NETHERLANDS.....	20	33	77,665	247,444
FRANCE.....	3	20	13,200	96,900
FED.REP.OF GERMANY.....	0	1	0	5,500
ITALY.....	0	1	0	5,108
TOTAL EC-9.....	53	98	237,503	572,358
HUNGARY.....	1	0	4,455	0
PORTUGAL.....	0	1	0	3,205
YUGOSLAVIA.....	0	7	0	45,500
TOTAL EUROPE.....	54	105	241,958	621,063
SYRIA.....	0	1	0	5,481
IRAN.....	2	11	12,008	13,000
ISRAEL.....	0	0	0	1,930
SAUDI ARABIA.....	0	8	1,268	53,230
UNITED ARAB EMIRATES.....	0	0	0	3,528
BAHRAIN.....	0	0	1,725	0
PEOPLES REP OF CHINA.....	0	0	2,758	0
HONG KONG.....	0	0	1,800	0
CHINA,REPUBLIC OF (TAIWAN) ..	0	0	0	2,250
JAPAN.....	24	30	117,365	174,280
TOTAL ASIA.....	26	52	136,924	253,699
MOROCCO.....	0	0	1,287	0
LIBYA.....	0	0	0	1,145
EGYPT.....	0	0	0	1,350
ANGOLA.....	0	0	1,186	0
REP SOUTH AFRICA.....	4	26	17,980	33,875
TOTAL AFRICA.....	4	27	20,453	36,370
AUSTRALIA.....	1	1	8,244	5,280
NEW ZEALAND.....	0	0	0	3,100
TOTAL OCEANIA.....	1	1	8,244	8,380
GRAND TOTAL.....	139	248	848,970	1,406,116

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	7	5	151,377	137,388
MEXICO.....	18	12	194,231	136,813
GUATEMALA.....	0	0	3,078	1,621
BELIZE.....	0	0	0	600
HONDURAS.....	0	1	680	8,251
NICARAGUA.....	0	1	1,623	17,405
COSTA RICA.....	2	1	58,131	18,156
PANAMA.....	1	1	25,624	29,682
BAHAMAS.....	0	1	4,582	15,455
JAMAICA.....	10	12	138,324	148,121
HAITI.....	1	1	30,490	17,483
DOMINICAN REPUBLIC.....	4	6	41,551	109,569
LEeward-WINDWARD IS.....	0	0	0	6,222
BARBADOS.....	0	0	4,224	0
TRINIDAD-TBAGD.....	0	0	1,672	0
TOTAL NDRTH AMERICA.....	43	40	655,787	646,766
COLOMBIA.....	1	0	18,585	1,150
VENEZUELA.....	5	3	72,342	40,550
ECUADOR.....	0	1	770	5,981
PERU.....	0	1	0	10,388
CHILE.....	1	0	7,145	3,190
BRAZIL.....	19	18	405,509	423,351
PARAGUAY.....	0	0	1,980	3,918
URUGUAY.....	1	0	9,810	1,394
ARGENTINA.....	0	0	0	824
TOTAL SUDTH AMERICA.....	27	23	516,141	490,746
DENMARK.....	2	3	43,700	66,941
UNITED KINGDDM.....	0	0	5,162	0
NETHERLANDS.....	15	2	221,815	29,755
FRANCE.....	1	0	6,319	15,047
FED.REP.OF GERMANY.....	4	1	95,903	34,531
ITALY.....	7	10	106,484	116,125
TOTAL EC-9.....	29	17	479,383	262,399
AUSTRIA.....	0	0	16,739	14,884
HUNGARY.....	1	0	10,880	0
USSR.....	0	0	1,200	0
SPAIN.....	1	0	14,581	3,030
PORTUGAL.....	0	0	1,182	2,578
GREECE.....	0	0	0	1,284
TOTAL EURDPE.....	31	18	523,965	284,175
CYPRUS.....	1	0	14,400	0
SYRIA.....	0	1	3,352	14,203
IRAQ.....	2	2	29,822	38,000
IRAN.....	13	4	194,631	60,895
ISRAEL.....	0	0	0	3,300
KUWAIT.....	0	2	0	29,552
SAUDI ARABIA.....	0	2	1,119	19,250
UNITED ARAB EMIRATES.....	1	0	11,118	1,954
BAHRAIN.....	0	0	2,477	0
THAILAND.....	1	1	14,304	23,220
PHILIPPINES.....	9	20	74,395	311,366
PEOPLES REP OF CHINA.....	2	0	38,797	0
HONG KONG.....	1	5	15,952	122,641
JAPAN.....	1	5	38,788	65,600
TOTAL ASIA.....	31	41	439,155	689,981
LIBYA.....	6	3	98,311	36,102
SENEGAL.....	0	0	0	1,248
SIERRA LEONE.....	1	2	24,000	30,023
GAMBIA.....	0	0	0	2,240
WESTERN AFRICA, NEC.....	0	0	4,800	0
KENYA.....	0	0	9,825	0
MAURITIUS.....	0	0	2,076	0
REP SOUTH AFRICA.....	1	1	16,367	39,658
ZAMBIA.....	0	1	0	59,540
TOTAL AFRICA.....	8	7	155,379	168,811
AUSTRALIA.....	2	0	28,269	744
NEW ZEALAND.....	2	0	23,415	0
TOTAL OCEANIA.....	4	0	51,684	744
GRAND TDTAL.....	143	129	2,342,111	2,281,223

SWEET CORN SEED

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	182	195	208,255	283,419
MEXICO.....	10	30	17,777	36,043
GUATEMALA.....	0	0	0	700
JAMAICA.....	0	0	0	0
LEEWARD-WINDWARD IS.....	10	4	11,832	5,589
NETHERLANDS ANTILLES.....	0	3	0	1,395
TOTAL NORTH AMERICA.....	203	231	237,864	327,146
CHILE.....	3	3	12,072	7,316
BRAZIL.....	7	7	16,445	16,170
URUGUAY.....	1	0	1,740	0
ARGENTINA.....	0	0	0	610
TOTAL SOUTH AMERICA.....	11	10	30,257	24,096
DENMARK.....	0	1	0	1,905
UNITED KINGDOM.....	29	10	54,430	15,888
NETHERLANDS.....	14	63	22,580	46,836
BELGIUM-LUXEMBOURG.....	150	0	105,029	0
FRANCE.....	0	17	0	105,038
FED. REP. OF GERMANY.....	14	0	21,968	0
ITALY.....	0	1	0	2,282
TOTAL EC-9.....	207	93	204,007	171,949
SWEDEN.....	9	0	11,699	1,078
NORWAY.....	0	0	1,052	0
TOTAL EUROPE.....	216	93	216,758	173,027
IRAN.....	0	0	0	1,804
ISRAEL.....	49	0	106,401	0
JORDAN.....	0	1	0	1,320
THAILAND.....	22	0	58,411	0
CHINA, REPUBLIC OF (TAIWAN) ..	0	0	1,030	0
JAPAN.....	259	122	636,880	394,193
TOTAL ASIA.....	332	123	802,722	397,317
NIGERIA.....	2	0	5,417	0
KENYA.....	0	1	0	1,980
REP. SOUTH AFRICA.....	5	8	12,572	19,661
TOTAL AFRICA.....	8	9	17,989	21,641
NEW ZEALAND.....	2	2	5,720	5,148
BRITISH PACIFIC ISLS.....	0	1	0	3,116
TOTAL OCEANIA.....	2	3	5,720	8,264
GRAND TOTAL.....	772	469	1,311,310	951,491

## VEGETABLE SEED, OTHER

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	116	74	576,190	416,173
MEXICO.....	230	382	1,544,468	2,607,840
GUATEMALA.....	20	12	58,999	87,545
EL SALVADOR.....	10	3	67,928	19,835
HONDURAS.....	8	6	98,157	72,277
NICARAGUA.....	2	4	40,094	81,262
COSTA RICA.....	10	13	70,677	77,163
PANAMA.....	1	2	14,976	27,263
BERMUDA.....	1	1	5,936	11,117
BAHAMAS.....	2	3	25,002	44,974
JAMAICA.....	13	25	127,450	229,108
HAITI.....	3	3	39,433	28,598
DOMINICAN REPUBLIC.....	14	18	186,958	233,898
LEEWARD-WINDWARD IS.....	1	4	9,606	30,127
BARBADOS.....	3	4	8,444	35,877
TRINIDAD-TOBAGO.....	3	4	24,637	36,431
NETHERLANDS ANTILLES.....	0	0	2,685	1,823
FRENCH WEST INDIES.....	0	1	9,416	13,437
TOTAL NORTH AMERICA.....	439	560	2,911,056	4,054,748
COLOMBIA.....	31	20	213,242	157,287
VENEZUELA.....	49	71	490,993	587,036
GUYANA.....	0	1	4,441	7,855
SURINAM.....	0	1	898	7,952
ECUADOR.....	7	15	68,566	114,202
PERU.....	29	16	176,500	77,180
BOLIVIA.....	5	2	33,428	16,437
CHILE.....	1	10	12,837	59,455
BRAZIL.....	73	119	641,890	846,473
PARAGUAY.....	2	3	15,110	17,690
URUGUAY.....	6	17	35,261	59,015
ARGENTINA.....	13	57	136,261	398,317
TOTAL SOUTH AMERICA.....	218	331	1,829,427	2,348,899
DENMARK.....	179	99	679,998	490,439
UNITED KINGDOM.....	99	224	397,022	851,832
IRELAND.....	1	0	3,000	0
NETHERLANDS.....	380	383	1,685,845	1,667,056
BELGIUM-LUXEMBOURG.....	0	4	4,002	3,879
FRANCE.....	235	349	1,478,802	1,707,224
FED.REP.OF GERMANY.....	45	106	216,933	312,333
ITALY.....	187	174	1,623,756	1,496,171
TOTAL EC-9.....	1,125	1,340	6,089,358	6,528,934
SWEDEN.....	51	24	88,538	70,126
FINLAND.....	0	0	0	1,068
AUSTRIA.....	7	15	70,805	190,770
HUNGARY.....	3	0	16,665	0
SWITZERLAND.....	1	1	6,898	18,976
POLAND.....	0	2	1,695	30,575
USSR.....	0	0	2,150	0
SPAIN.....	86	107	385,095	349,245
PORTUGAL.....	6	5	72,677	101,960
GREECE.....	14	7	184,257	63,326
TOTAL EUROPE.....	1,295	1,500	6,918,138	7,354,980

VEGETABLE SEED, OTHER  
(CONTINUED)

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
TURKEY.....	0	0	550	0
CYPRUS.....	2	1	24,734	17,170
SYRIA.....	40	42	308,909	301,490
LEBANON.....	5	19	47,729	164,213
IRAQ.....	55	15	481,625	103,442
IRAN.....	160	76	1,068,197	514,526
ISRAEL.....	23	17	93,525	139,000
JORDAN.....	22	17	242,720	233,821
KUWAIT.....	1	86	5,475	82,109
SAUDI ARABIA.....	26	41	292,511	431,030
QATAR.....	1	0	14,756	6,924
UNITED ARAB EMIRATES.....	6	5	63,990	55,376
YEMEN (SANA).....	1	1	18,799	12,936
YEMEN (AOEN).....	0	2	9,471	24,678
OMAN.....	0	3	5,539	24,324
BAHRAIN.....	1	0	7,455	0
PAKISTAN.....	6	2	15,016	15,286
BANGLADESH.....	0	0	5,005	0
SRI LANKA (CEYLON).....	0	3	0	27,600
THAILAND.....	11	14	82,711	139,267
MALAYSIA.....	0	0	3,850	1,066
SINGAPORE.....	0	0	5,358	1,012
INDONESIA.....	0	1	5,863	23,267
PHILIPPINES.....	10	8	77,009	60,527
PEOPLES REP OF CHINA.....	0	1	0	7,744
KOREA, REPUBLIC OF.....	0	0	0	632
HONG KONG.....	19	39	96,983	168,875
CHINA, REPUBLIC OF (TAIWAN) ..	58	4	143,187	42,138
JAPAN.....	416	649	937,984	1,567,423
 TOTAL ASIA.....	 866	 1,047	 4,058,951	 4,165,876
 MOROCCO.....	 4	 4	 31,890	 28,900
ALGERIA.....	0	41	0	280,351
LIBYA.....	17	7	132,437	63,573
EGYPT.....	13	24	142,822	188,792
SUDAN.....	5	6	45,429	116,667
CANARY ISLANDS.....	0	1	3,918	5,139
SENEGAL.....	2	3	63,498	79,312
GUINEA.....	0	0	1,762	0
SIERRA LEONE.....	0	0	0	3,600
IVORY COAST.....	0	1	3,708	8,674
GHANA.....	0	1	4,954	11,904
NIGERIA.....	1	0	12,534	606
ANGOLA.....	0	15	4,671	284,176
WESTERN AFRICA, NEC.....	0	0	1,246	1,168
LIBERIA.....	0	0	1,431	2,280
ETHIOPIA.....	0	0	0	1,377
KENYA.....	4	12	24,168	180,121
TANZANIA.....	0	0	0	1,220
MAURITIUS.....	0	1	3,065	7,502
MOZAMBIQUE.....	0	1	0	13,402
MALAGASY REPUBLIC.....	0	1	2,542	7,426
REP SOUTH AFRICA.....	22	30	249,015	215,753
ZAMBIA.....	7	0	23,466	26,500
 TOTAL AFRICA.....	 77	 149	 762,556	 1,528,443
 AUSTRALIA.....	 29	 51	 308,582	 277,960
NEW ZEALAND.....	34	11	86,034	62,163
FR PACIFIC ISLANDS.....	1	0	10,744	4,395
OTHER PAC ISLS, NEC.....	3	3	10,737	5,171
 TOTAL OCEANIA.....	 67	 65	 416,097	 349,689
 GRAND TOTAL.....	 2,962	 3,652	 16,896,225	 19,802,635

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	314	280	987,487	888,727
MEXICO.....	272	436	1,868,502	2,838,379
GUATEMALA.....	20	13	64,141	93,648
BELIZE.....	0	0	0	600
EL SALVADOR.....	10	3	67,928	19,835
HONDURAS.....	8	7	98,837	80,528
NICARAGUA.....	2	5	41,717	99,241
COSTA RICA.....	13	14	130,116	98,467
PANAMA.....	2	3	40,600	56,945
BERMUDA.....	1	1	5,936	11,117
BAHAMAS.....	3	4	29,584	60,429
JAMAICA.....	24	38	274,488	385,716
HAITI.....	5	4	73,754	49,134
DOMINICAN REPUBLIC.....	19	24	230,064	355,564
LEEWARD-WINDWARD IS.....	11	8	21,438	43,690
BARBADOS.....	3	4	12,668	37,425
TRINIDAD-TOBAGO.....	3	4	27,095	36,431
NETHERLANDS ANTILLES.....	0	3	2,685	3,218
FRENCH WEST INDIES.....	0	1	9,416	13,953
TOTAL NORTH AMERICA.....	711	854	3,986,456	5,173,047
COLOMBIA.....	34	20	246,697	158,437
VENEZUELA.....	54	74	566,335	627,586
GUYANA.....	0	1	4,441	7,855
SURINAM.....	0	2	898	15,898
ECUADOR.....	7	15	71,211	121,765
PERU.....	32	20	195,633	106,103
BOLIVIA.....	5	2	33,428	16,437
CHILE.....	5	13	32,054	71,295
BRAZIL.....	121	175	1,283,178	1,574,704
PARAGUAY.....	3	4	18,520	26,396
URUGUAY.....	8	18	46,811	60,409
ARGENTINA.....	13	61	136,261	419,073
TOTAL SOUTH AMERICA.....	283	405	2,635,467	3,205,958
DENMARK.....	192	123	768,698	638,735
UNITED KINGDOM.....	148	258	558,252	1,005,676
IRELAND.....	1	0	3,000	0
NETHERLANDS.....	428	482	2,007,905	1,991,091
BELGIUM-LUXEMBOURG.....	150	4	109,031	3,879
FRANCE.....	238	386	1,498,321	1,924,209
FED.REP. OF GERMANY.....	63	109	334,804	352,364
ITALY.....	194	186	1,730,240	1,619,686
TOTAL EC-9.....	1,415	1,547	7,010,251	7,535,640
SWEDEN.....	60	25	100,237	71,204
NORWAY.....	0	0	1,052	0
FINLAND.....	0	0	0	1,068
AUSTRIA.....	7	16	87,544	205,654
HUNGARY.....	5	0	32,000	0
SWITZERLAND.....	1	1	6,898	18,976
POLAND.....	0	2	1,695	30,575
USSR.....	0	0	3,350	0
SPAIN.....	87	107	399,676	352,275
PORTUGAL.....	6	5	73,859	107,743
YUGOSLAVIA.....	0	7	0	45,500
GREECE.....	14	7	184,257	64,610
TOTAL EUROPE.....	1,596	1,717	7,900,819	8,433,245

ALL VEG. SEEDS EXC. BEAN & PEA  
(CONTINUED)

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
TURKEY.....	0	0	550	0
CYPRUS.....	3	1	39,134	17,170
SYRIA.....	40	44	312,261	321,174
LEBANON.....	5	19	47,729	164,213
IRAQ.....	57	17	511,447	141,442
IRAN.....	175	92	1,274,836	590,225
ISRAEL.....	73	17	199,926	144,230
JORDAN.....	22	18	242,720	235,141
KUWAIT.....	1	88	5,475	111,661
SAUDI ARABIA.....	26	51	294,898	503,510
QATAR.....	1	0	14,756	6,924
UNITED ARAB EMIRATES.....	6	6	75,108	60,858
YEMEN (SANA).....	1	1	18,799	12,936
YEMEN (ADEN).....	0	2	9,471	24,678
OMAN.....	0	3	5,539	24,324
BAHRAIN.....	1	0	11,657	0
PAKISTAN.....	6	2	15,016	15,286
BANGLADESH.....	0	0	5,005	0
SRI LANKA (CEYLON).....	0	3	0	27,600
THAILAND.....	34	15	155,426	162,487
MALAYSIA.....	0	0	3,850	1,066
SINGAPORE.....	0	0	5,358	1,012
INDONESIA.....	0	1	5,863	23,267
PHILIPPINES.....	20	28	151,404	371,893
PEOPLES REP OF CHINA.....	2	1	41,555	7,744
KOREA, REPUBLIC OF.....	0	0	0	632
HONG KONG.....	21	44	114,735	291,516
CHINA, REPUBLIC DF (TAIWAN) ..	59	4	144,217	44,388
JAPAN.....	700	805	1,731,017	2,201,496
 TOTAL ASIA.....	 1,255	 1,263	 5,437,752	 5,506,873
 MOROCCO.....	 5	 4	 33,177	 28,900
ALGERIA.....	0	41	0	280,351
LIBYA.....	23	11	230,748	100,820
EGYPT.....	13	25	142,822	190,142
SUDAN.....	5	6	55,429	116,667
CANARY ISLANDS.....	0	1	3,918	5,139
SENEGAL.....	2	3	63,498	80,560
GUINEA.....	0	0	1,762	0
SIERRA LEONE.....	1	2	24,000	33,623
IVORY COAST.....	0	1	3,708	8,674
GHANA.....	0	1	4,954	11,904
GAMBIA.....	0	0	0	2,240
NIGERIA.....	3	0	17,951	606
ANGOLA.....	1	15	5,857	284,176
WESTERN AFRICA, NEC.....	0	0	6,046	1,168
LIBERIA.....	0	0	1,431	2,280
ETHIOPIA.....	0	0	0	1,377
KENYA.....	4	13	33,993	182,101
TANZANIA.....	0	0	0	1,220
MAURITIUS.....	1	1	5,141	7,502
MOZAMBIQUE.....	0	1	0	13,402
MALAGASY REPUBLIC.....	0	1	2,542	7,426
REP SOUTH AFRICA.....	32	65	295,934	308,947
ZAMBIA.....	7	1	23,466	86,040
 TOTAL AFRICA.....	 97	 191	 956,377	 1,755,265
 AUSTRALIA.....	 33	 52	 345,095	 283,984
NEW ZEALAND.....	38	13	115,169	70,411
BRITISH PACIFIC ISLS.....	0	1	0	3,116
FR PACIFIC ISLANDS.....	1	0	10,744	4,395
OTHER PAC ISLS, NEC.....	3	3	10,737	5,171
 TOTAL OCEANIA.....	 75	 69	 481,745	 367,077
 GRAND TOTAL.....	 4,016	 4,498	 21,398,616	 24,441,465

## FLOWER SEEDS

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	73	96	313,787	351,591
MEXICO.....	3	16	10,375	80,722
EL SALVADOR.....	0	0	1,703	0
HONDURAS.....	0	0	2,997	0
COSTA RICA.....	0	0	734	8,095
BERMUDA.....	0	0	0	1,534
JAMAICA.....	0	0	4,681	0
LEEWARD-WINDWARD IS.....	0	0	0	1,134
TRINIDAD-TOBAGO.....	0	0	958	0
TOTAL NORTH AMERICA.....	77	112	335,235	443,076
VENEZUELA.....	0	0	0	1,313
SURINAM.....	0	0	0	558
ECUADOR.....	0	0	0	1,364
PERU.....	0	0	4,682	11,253
BOLIVIA.....	0	0	2,143	2,494
CHILE.....	0	0	4,625	1,116
URUGUAY.....	0	0	0	1,804
ARGENTINA.....	0	2	5,997	17,293
TOTAL SOUTH AMERICA.....	1	3	17,447	37,195
DENMARK.....	5	13	71,449	98,909
UNITED KINGDOM.....	21	44	183,753	290,379
NETHERLANDS.....	16	14	220,182	111,039
BELGIUM-LUXEMBOURG.....	1	1	7,297	4,869
FRANCE.....	13	22	178,899	144,728
FED.REP.OF GERMANY.....	27	30	202,747	197,179
ITALY.....	0	0	0	1,800
TOTAL EC-9.....	84	124	864,327	848,903
SWEDEN.....	8	12	79,026	88,172
NORWAY.....	0	0	0	1,860
FINLAND.....	1	0	5,442	1,248
SWITZERLAND.....	2	3	15,966	41,640
SPAIN.....	3	0	54,712	3,806
TOTAL EUROPE.....	98	139	1,019,473	985,629
ISRAEL.....	0	0	0	624
SAUDI ARABIA.....	0	0	2,737	15,959
UNITED ARAB EMIRATES.....	0	10	0	21,000
HONG KONG.....	0	0	3,504	1,152
JAPAN.....	6	30	60,370	110,096
TOTAL ASIA.....	6	40	46,611	148,831
KENYA.....	0	0	0	1,947
REP SOUTH AFRICA.....	2	6	35,447	98,768
TOTAL AFRICA.....	2	7	35,447	100,715
AUSTRALIA.....	8	15	103,767	108,297
NEW ZEALAND.....	1	2	25,796	29,673
TOTAL OCEANIA.....	10	17	129,563	137,970
GRAND TOTAL.....	194	317	1,603,776	1,853,416

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	203	0	43,757	0
MEXICO.....	13	0	5,160	0
BELIZE.....	3	5	1,661	2,475
JAMAICA.....	0	0	0	0
TOTAL NORTH AMERICA.....	219	5	50,578	2,475
COLOMBIA.....	0	3,875	0	581,250
BRAZIL.....	6	0	2,860	0
URUGUAY.....	16	0	8,000	0
TOTAL SOUTH AMERICA.....	22	3,875	10,860	581,250
ITALY.....	0	0	0	0
TOTAL EC-9.....	0	0	0	0
SWEDEN.....	0	0	0	0
SWITZERLAND.....	0	0	0	0
TOTAL EUROPE.....	0	0	0	0
TOTAL ASIA.....	0	0	0	0
REP SOUTH AFRICA.....	0	0	0	0
TOTAL AFRICA.....	0	0	0	0
TOTAL OCEANIA.....	0	0	0	0
GRAND TOTAL.....	241	3,880	61,438	583,725

## CORN SEED EXC SWEET CORN

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	5,029	2,994	2,483,680	1,902,663
MEXICO.....	120	893	39,375	198,620
GUATEMALA.....	0	1	0	5,587
HONDURAS.....	0	5	0	2,300
NICARAGUA.....	112	0	21,140	0
PANAMA.....	8	0	1,494	0
JAMAICA.....	159	230	168,000	250,392
HAITI.....	45	201	45,000	223,620
DOMINICAN REPUBLIC.....	0	6	0	1,125
LEEWARD-WINDWARD IS.....	0	19	0	25,149
FRENCH WEST INDIES.....	5	0	4,200	0
TOTAL NORTH AMERICA.....	5,479	4,351	2,762,889	2,609,456
VENEZUELA.....	0	337	0	106,574
GUYANA.....	12	15	14,904	16,944
CHILE.....	43	145	13,126	149,018
BRAZIL.....	1	36	5,544	18,653
PARAGUAY.....	0	20	0	5,771
URUGUAY.....	13	0	3,845	1,312
ARGENTINA.....	0	38	0	85,834
TOTAL SOUTH AMERICA.....	68	591	37,419	384,106
UNITED KINGDOM.....	5	2	1,015	3,441
NETHERLANDS.....	8	11	11,871	56,235
FRANCE.....	457	170	355,778	319,795
FED. REP. OF GERMANY.....	153	227	47,043	104,829
ITALY.....	1,573	1,760	1,813,942	2,219,736
TOTAL EC=9.....	2,195	2,170	2,229,649	2,704,036
ICELAND.....	466	0	58,685	0
SWEDEN.....	20	0	7,400	0
HUNGARY.....	7	0	11,844	0
SWITZERLAND.....	10	0	9,658	0
PORTUGAL.....	0	18	0	5,175
BULGARIA.....	0	22	0	90,000
TOTAL EUROPE.....	2,699	2,210	2,317,236	2,799,211
IRAN.....	10	0	9,233	0
ISRAEL.....	7	0	1,320	0
SAUDI ARABIA.....	0	15	0	2,852
MALAYSIA.....	5	5	1,600	1,600
PHILIPPINES.....	0	37	0	31,035
HONG KONG.....	1	0	2,490	0
JAPAN.....	160	1,871	121,410	1,393,212
TOTAL ASIA.....	183	1,928	136,053	1,428,699
LIBYA.....	0	39	0	20,000
NIGERIA.....	0	26	0	35,264
REP SOUTH AFRICA.....	67	25	20,522	30,454
TOTAL AFRICA.....	67	91	20,522	85,718
NEW ZEALAND.....	0	1	0	8,753
BRITISH PACIFIC ISLS.....	0	1	0	1,442
TRUST TERRITORY PACIFIC IS..	0	7	0	1,260
TOTAL OCEANIA.....	0	9	0	11,455
GRAND TOTAL.....	8,496	9,180	5,274,119	7,318,645

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	125	632	35,806	119,582
MEXICO.....	3,327	1,324	1,137,212	601,330
GUATEMALA.....	15	38	8,475	26,005
BELIZE.....	5	5	4,000	3,900
HONDURAS.....	5	64	2,802	12,758
NICARAGUA.....	116	116	73,755	80,325
COSTA RICA.....	583	260	389,516	197,157
PANAMA.....	54	168	38,198	138,496
JAMAICA.....	11	0	6,400	0
HAITI.....	61	277	15,243	276,562
TOTAL NORTH AMERICA.....	4,304	2,883	1,711,407	1,456,115
COLOMBIA.....	321	342	180,277	224,965
VENEZUELA.....	1,255	1,198	813,267	770,328
ECUADOR.....	0	19	0	13,480
PERU.....	103	4	105,452	49,057
BOLIVIA.....	0	28	0	19,911
CHILE.....	5	0	2,045	0
BRAZIL.....	2,683	0	1,333,484	0
PARAGUAY.....	0	10	0	5,189
URUGUAY.....	7	6	11,474	11,536
ARGENTINA.....	46	79	58,875	94,183
TOTAL SOUTH AMERICA.....	4,419	1,686	2,504,874	1,188,649
NETHERLANDS.....	0	2	0	1,380
FRANCE.....	195	0	90,492	0
FED. REP. OF GERMANY.....	83	23	47,362	10,500
ITALY.....	175	0	90,265	0
TOTAL EC-9.....	453	25	228,119	11,880
SWITZERLAND.....	12	0	6,600	0
SPAIN.....	60	0	37,300	0
TOTAL EUROPE.....	525	25	272,019	11,880
CYPRUS.....	5	0	1,065	0
IRAN.....	28	0	6,720	0
PHILIPPINES.....	0	185	0	150,656
HONG KONG.....	0	23	0	22,259
JAPAN.....	493	201	263,528	84,175
TOTAL ASIA.....	526	409	271,313	257,090
MOROCCO.....	66	0	42,315	0
ALGERIA.....	200	171	79,344	73,283
LIBYA.....	27	10	13,750	7,441
REP. SOUTH AFRICA.....	616	188	385,739	117,776
TOTAL AFRICA.....	909	369	521,148	198,500
FR. PACIFIC ISLANDS.....	0	1	0	594
TOTAL OCEANIA.....	0	1	0	594
GRAND TOTAL.....	10,682	5,372	5,280,761	3,112,828

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	267	65	223,331	54,570
MEXICO.....	135	175	127,176	168,346
GUATEMALA.....	1	0	3,956	0
EL SALVADOR.....	3	0	3,382	0
COSTA RICA.....	50	24	46,793	21,423
PANAMA.....	4	0	2,217	0
JAMAICA.....	18	113	21,415	112,846
BARBADOS.....	8	6	11,673	9,857
TRINIDAD-TOBAGO.....	5	1	7,067	1,337
NETHERLANDS ANTILLES.....	0	0	1,974	0
FRENCH WEST INDIES.....	3	0	2,859	0
TOTAL NORTH AMERICA.....	493	385	451,843	368,379
COLOMBIA.....	40	5	78,062	5,278
VENEZUELA.....	4	15	4,159	28,923
PERU.....	1	0	1,096	0
CHILE.....	0	3	0	4,862
BRAZIL.....	32	3	20,750	3,535
URUGUAY.....	5	8	10,091	13,194
ARGENTINA.....	1	31	2,210	70,643
TOTAL SOUTH AMERICA.....	83	64	116,368	126,435
UNITED KINGDOM.....	408	209	452,542	210,644
NETHERLANDS.....	368	671	334,027	520,708
FRANCE.....	663	353	530,882	245,537
FRG, REP. OF GERMANY.....	180	89	183,589	87,956
ITALY.....	204	305	184,796	268,098
TOTAL EC-9.....	1,822	1,628	1,685,836	1,332,943
SWITZERLAND.....	0	20	0	11,166
USSR.....	1	0	1,988	0
SPAIN.....	19	12	21,677	15,483
PORTUGAL.....	9	5	10,569	6,944
YUGOSLAVIA.....	0	42	0	58,380
GREECE.....	1	0	1,490	0
TOTAL EUROPE.....	1,852	1,707	1,721,560	1,424,916
CYPRUS.....	1	3	2,998	5,103
SYRIA.....	6	5	8,795	5,650
LEBANON.....	0	1	0	1,210
ISRAEL.....	12	25	11,000	20,900
JORDAN.....	17	10	22,105	13,700
SAUDI ARABIA.....	9	24	9,194	30,155
QATAR.....	0	1	0	1,494
UNITED ARAB EMIRATES.....	0	1	0	1,494
SRI LANKA (CEYLON).....	37	0	65,574	0
THAILAND.....	3	0	5,100	0
HONG KONG.....	1	2	1,160	2,970
JAPAN.....	162	132	155,397	148,556
TOTAL ASIA.....	247	203	281,323	231,232
ALGERIA.....	0	28	0	23,719
LIBYA.....	2	0	1,721	0
SUDAN.....	0	4	0	4,077
CANARY ISLANDS.....	0	1	0	1,650
SENEGAL.....	3	0	3,242	0
UPPER VOLTA.....	4	2	4,588	3,605
REP. SOUTH AFRICA.....	0	72	0	63,603
TOTAL AFRICA.....	8	108	9,551	96,654
AUSTRALIA.....	175	179	245,806	199,092
NEW ZEALAND.....	114	3	121,447	2,574
TOTAL OCEANIA.....	289	181	367,253	201,666
GRAND TOTAL.....	2,972	2,649	2,947,898	2,449,282

U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	250	44	125,724	27,264
MEXICO.....	325	462	179,541	231,978
GUATEMALA.....	2	19	2,700	17,162
COSTA RICA.....	35	35	18,970	16,940
JAMAICA.....	4	0	5,765	0
TOTAL NORTH AMERICA.....	616	561	332,700	293,344
COLOMBIA.....	17	25	9,148	12,862
PERU.....	2	3	2,600	3,572
BRAZIL.....	20	14	21,920	11,160
PARAGUAY.....	1	0	1,102	0
URUGUAY.....	0	1	0	880
ARGENTINA.....	0	2	0	1,820
TOTAL SOUTH AMERICA.....	40	46	34,770	30,294
DENMARK.....	0	37	0	21,415
UNITED KINGDOM.....	401	1,846	208,350	956,601
IRELAND.....	3	361	1,982	198,524
NETHERLANDS.....	439	38	192,598	14,650
FRANCE.....	481	792	199,966	282,775
FED. REP. OF GERMANY.....	149	579	71,123	232,822
ITALY.....	688	727	374,013	364,829
TOTAL EC-9.....	2,161	4,380	1,048,032	2,071,616
SWEDEN.....	196	0	102,411	0
SWITZERLAND.....	0	16	0	6,263
USSR.....	1	0	1,200	0
SPAIN.....	73	50	37,093	32,659
PORTUGAL.....	13	2	13,480	2,200
GREECE.....	3	3	2,525	2,900
TOTAL EUROPE.....	2,446	4,451	1,204,741	2,115,638
ISRAEL.....	289	197	154,148	109,718
SAUDI ARABIA.....	11	0	18,370	0
UNITED ARAB EMIRATES.....	2	0	2,210	0
HONG KONG.....	11	10	6,571	10,175
JAPAN.....	6	3	4,290	4,800
TOTAL ASIA.....	319	210	185,589	124,693
LIBYA.....	0	3	0	3,250
TOTAL AFRICA.....	0	3	0	3,250
AUSTRALIA.....	35	5	38,593	7,100
NEW ZEALAND.....	40	10	21,192	6,000
TOTAL OCEANIA.....	75	15	59,785	13,100
GRAND TOTAL.....	3,496	5,285	1,817,585	2,580,319

SEEDS, OTHER

U.S. EXPDRTS BY DESTINATION, QUANTITY AND VALUE  
FDR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CANADA.....	673	822	580,242	513,791
MEXICO.....	563	4,562	377,844	1,335,630
GUATEMALA.....	27	1	18,225	4,034
EL SALVADOR.....	1	45	7,000	39,600
HONDURAS.....	2	29	13,393	43,728
NICARAGUA.....	0	3	598	3,812
COSTA RICA.....	14	4	10,625	7,820
PANAMA.....	2	0	15,004	0
BERMUDA.....	0	1	0	1,382
BAHAMAS.....	0	0	0	3,295
JAMAICA.....	0	4	0	3,750
HAITI.....	11	3	44,857	9,208
DOMINICAN REPUBLIC.....	47	20	58,280	52,174
TRINIDAD-TDBAGD.....	0	0	0	930
FRENCH WEST INDIES.....	6	4	9,021	10,891
TOTAL NDRTH AMERICA.....	1,9347	5,497	1,135,089	2,030,045
COLOMBIA.....	1	6	1,137	11,287
VENEZUELA.....	32	8	136,642	15,569
FRENCH GUIANA.....	0	1	0	1,198
ECUADOR.....	9	6	8,797	9,428
PERU.....	0	5	5,939	2,686
BOLIVIA.....	0	2	0	1,760
CHILE.....	0	4	0	36,709
BRAZIL.....	5	6	72,400	67,483
PARAGUAY.....	0	0	0	3,670
URUGUAY.....	40	80	25,956	55,975
ARGENTINA.....	2	13	15,889	44,067
TOTAL SDUTH AMERICA.....	89	132	266,760	249,832
DENMARK.....	10	6	85,551	45,010
UNITED KINGDDM.....	9	29	46,180	97,605
NETHERLANDS.....	37	56	107,064	121,494
BELGIUM-LUXEMBDURG.....	1	1	31,818	22,489
FRANCE.....	107	103	385,159	165,046
FED.REP.DF GERMANY.....	123	160	242,335	376,322
ITALY.....	11	196	138,268	142,803
TOTAL EC-9.....	298	551	1,036,375	970,769
SWEDEN.....	0	1	8,108	4,308
NDRWAY.....	0	1	2,122	28,882
FINLAND.....	0	0	0	14,969
AUSTRIA.....	25	0	18,280	0
HUNGARY.....	0	0	0	1,650
SWITZERLAND.....	1	1	11,636	900
USSR.....	0	0	620	0
AZORES.....	0	0	0	7,500
SPAIN.....	6	20	7,137	43,213
PORTUGAL.....	0	10	3,524	7,040
GREECE.....	0	2	0	61,888
TOTAL EUROPE.....	332	586	1,087,802	1,141,119

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U.S. EXPORTS BY DESTINATION, QUANTITY AND VALUE  
FOR 6-MONTHS ENDING DEC 31

DESTINATION	QUANTITY (IN METRIC TONS)		VALUE (IN DOLLARS)	
	1976	1977	1976	1977
CYPRUS.....	0	0	2,914	6,000
SYRIA.....	0	0	1,129	0
IRAN.....	5	13	30,000	58,500
ISRAEL.....	98	1	95,287	4,664
KUWAIT.....	10	33	12,787	52,000
SAUDI ARABIA.....	2	4	23,040	21,693
QATAR.....	0	0	0	2,659
UNITED ARAB EMIRATES.....	0	0	0	1,996
YEMEN (ADEN).....	0	0	0	962
INDIA.....	0	0	520	0
BANGLADESH.....	100	800	33,523	279,913
MALAYSIA.....	0	0	0	1,524
SINGAPORE.....	0	0	2,620	1,280
PHILIPPINES.....	49	55	18,300	21,891
KOREA, REPUBLIC OF.....	0	8	0	10,058
CHINA, REPUBLIC OF (TAIWAN) ..	0	0	1,306	0
JAPAN.....	60	325	53,802	446,637
TOTAL ASIA.....	326	1,240	275,228	909,777
ALGERIA.....	100	0	70,710	0
LIBYA.....	1	1	14,724	1,981
GAMBIA.....	0	0	1,085	0
LIBERIA.....	0	3	0	6,861
KENYA.....	0	1	0	17,438
REP SOUTH AFRICA.....	12	7	45,136	71,906
SW AFRICA(NAMIBIA).....	0	1	0	18,390
TOTAL AFRICA.....	113	12	131,655	116,576
AUSTRALIA.....	61	17	110,386	33,705
NEW ZEALAND.....	28	0	99,183	2,305
FR PACIFIC ISLANDS.....	0	0	0	662
OTHER PAC ISLS, NEC.....	0	5	0	2,000
TOTAL OCEANIA.....	89	22	209,569	38,672
GRAND TOTAL.....	2,296	7,489	3,106,103	4,486,021